

Ac 2/11/15
Back to Veeva

EFFICACY REVIEW

DATE: IN10-18-00 OUT11-15-00

FILE OR REG. NO. 4691-163

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED June 2, 2000

DATE OF SUBMISSION May 25, 2000

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCT(S): (I,)D, H, F, N, R, S _____

DATA ACCESSION NO(S). 451398-01;D269741;S586810;Case#066136;AC:306

PRODUCT MGR. NO. 03-Layne/Werrell

PRODUCT NAME(S) Annihilator WP

COMPANY NAME Boehringer Ingelheim Vetmedica, Incorporated

SUBMISSION PURPOSE Provide performance data in support of claim of residual kill of house fly and stable fly for up to 60 days following treatment of surfaces.

CHEMICAL & FORMULATION Deltamethrin 5.00%
(each scoopful of powder weighs 0.05 lb.)

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession (MRID) Number 451398-01, having been obtained from a standard laboratory test conducted according to requirements of § 95-11(b)(1) through (4), (6) and (7) on p. 268 and meeting the standard of § 95-11(c)(2)(ii)(B)(a) on p. 270 of the Product Performance Guidelines, are adequate to demonstrate the ability of the subject product to residually knock down and kill house fly, *Musca domestica*, and stable fly, *Stomoxys calcitrans*, for up to 60 days following application of a spray solution prepared by dissolving 1 scoopful of wettable powder weighing 0.8 oz. (= 0.05 lb. product or 0.0025 lb. a.i.) in a gallon of water, a concentration of 0.0025/8.3475 = 0.03% a.i., to premise surfaces as represented by plywood panels in the test. When exposed to panels for 10 minutes, knockdown of house fly at 10 minutes was 97% ~~(80%)~~, 83%, 48%, 45%, 59%, 15%, 24%, 26%, 7% and 3% at 1, 3, 7, 14, 21, 28, 35, 49, 63, 77 and 91 days, respectively, while 60-minute knockdown was 100%, 100%, 98%, 95%, 100%, 100%, ~~(84%)~~, 84%, 100%, 77% and 65% at 1, 3, 7, 14, 21, 28, 35, 49, 63, 77 and 91 days, respectively. Knockdown of stable fly at 10 minutes was 100%, 100%, 100%, 100%, 97%, 100%, (to be continued)

97%, 100%, 98%, 100% and 98% at 1, 3, 7, 14, 21, 28, 35, 49, 63, 77 and 91 days, respectively, while 60-minute knockdown was 100%, 100%, 100%, 100%, 100%, 100%, 100%, 100%, 100%, 100% and 100% at 1 through 91 days. These data are adequate to support the claim as stated in the "General Information" paragraph in the directions for use: "...is a wettable powder insecticide containing 5.0% by weight active ingredient which will provide effective knockdown and long residual control up to 60 days of flies in and around non-residential buildings and structures and on various modes of transport". Deltamethrin was the only synthetic pyrethroid of the 4 in the test which demonstrated effective residual knockdown of both fly species through 63 days.

RL Vern L. McFarland, IB